WHAT IS CLAIMED IS:

1.   A decoding apparatus comprising:

inputting means for inputting a plurality kinds of encoded streams;

5   determining means for determining priority among the plurality kinds of encoded streams inputted by said inputting means; and

decoding means for decoding said plurality kinds of encoded streams by decoding processing that is

10   weighted according to the priority determined by said determining means.

2.   An apparatus according to claim 1, wherein said encoded stream includes encoded image data and

15   wherein said determining means determines priority according to a display size for displaying the image data.

3.   An apparatus according to claim 1, wherein

20   said determining means determines priority according to an instruction of a user.

4.   An apparatus according to claim 1, wherein said encoded stream includes data that is image data to

25   which orthogonal transform processing, quantization processing and encoding are applied.

5. An apparatus according to claim 4, wherein said decoding means is provided with a plurality kinds of decoding processing, and the plurality kinds of decoding processing include processing for applying

5   inverse orthogonal transformation only to at least a part of orthogonal transform coefficients and inserting zero in the remaining orthogonal transform coefficients to decode them.

10   6. An apparatus according to claim 4, wherein said encoded stream includes image data that is encoded by the MPEG-2 coding method.

7. An apparatus according to claim 4, wherein
15   said encoded stream includes image data that is encoded by the MPEG-1 coding method.

8. An apparatus according to claim 4, wherein said encoded stream includes image data that is encoded
20   by the Motion JPEG coding method.

9. An apparatus according to claim 4, further comprising displaying means for displaying image data of a plurality kinds of encoded streams that are
25   decoded by said decoding means.

10. An apparatus according to claim 1, wherein

said decoding means includes first decoding processing for decoding all data at least in an encoded stream and second decoding processing for decoding only a part of data in an encoded stream and selects the decoding

5 processing according to the priority determined by said determining means.

11. A decoding method comprising the steps of:

inputting a plurality kinds of encoded streams;

10 determining priority among said inputted plurality kinds of encoded streams; and

decoding said plurality kinds of encoded streams by decoding processing that is weighted according to the determined priority.

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12. A decoding processing program including program codes recorded in a computer-readable medium, said program codes comprising:

a code of a step of inputting a plurality kinds of

20 encoded streams;

a code of a step of determining priority among said inputted plurality kinds of encoded streams; and

a code of a step of decoding said plurality kinds of encoded stream by decoding processing that is

25 weighted according to the determined priority.

13. A computer-readable recording medium in which

a decoding processing program is recorded, said

decoding processing program comprising:

a code of a step of inputting a plurality kinds of

encoded streams;

5   a code of a step of determining priority among

said inputted plurality kinds of encoded streams; and

a code of a step of decoding said plurality kinds

of encoded streams by decoding processing that is

weighted according to the determined priority.

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